



**ELECTRIC SCHEDULE E-CMET**  
COMMUNITY MICROGRID ENABLEMENT TARIFF

Sheet 1

1. APPLICABILITY: The Community Microgrid Enablement Tariff (CMET) schedule (Schedule CMET or this Schedule) implements, in part, on an experimental basis the Community Microgrid Enablement Program (CMEP) pursuant to Public Utilities Commission (CPUC) Decision (D.) D.20-06-017 and CPUC Resolution E-5127. This CMET governs the eligibility, engineering studies, development, and island and transitional operation of Community Microgrids, as defined herein, under the CMEP. As an experimental tariff associated with a limited CMEP, this Schedule is available, on a first-come, first-served basis, to applicants (CMET Applicants) who (i) meet the CMET Eligibility Criteria in Section C, and (ii) submit a complete CMET Application (Application). This Schedule will close to CMET Applicants on the date set forth in Section D, below. Capitalized terms specific to this tariff are defined in section N below.

2. TERRITORY: This schedule applies throughout PG&E’s electric service area.

3. CMET ELIGIBILITY CRITERIA: A CMET Applicant must meet all of the eligibility criteria outlined below (CMET Eligibility Criteria):

1. Community Microgrid: The CMET Project must meet the needs of at least two customers or two customer premises connected by PG&E’s distribution infrastructure within the Microgrid Boundary. All customers within the Microgrid Boundary of the CMET Project must be PG&E retail distribution customers; provided that, where PG&E determines in its sole discretion that inclusion of electrical loads or customers which do not take PG&E retail distribution service in a CMET Project will benefit PG&E retail distribution customers, PG&E may agree to the inclusion of such loads and/or customers and will submit a notice of and justification for this determination through a Tier 1 Advice Letter.

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2. Location: The CMET project must be located in an area served, entirely or in part, by PG&E retail distribution service.

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**ELECTRIC SCHEDULE E-CMET**  
**COMMUNITY MICROGRID ENABLEMENT TARIFF**

Sheet 2

3. CMET  
ELIGIBILITY  
CRITERIA  
(Cont'd.)

3. Community Microgrid Parameters: The CMET Project must include interconnected exporting energy producing resources (Project Resources) that do not exceed 20MW in aggregate within a clearly defined Microgrid in PG&E's Distribution System with a single Microgrid Islanding Point; the CMET Project must act as a single, controllable entity; the CMET Project must be able to connect to, disconnect from, and run in parallel with larger portions of the electrical grid; and the CMET Project must be capable of maintaining electrical supply and service quality when isolated to connected customers during larger grid disturbances. Project Resources must be interconnected to PG&E's Distribution System pursuant to PG&E's Wholesale Distribution Tariff (WDT) and/or Electric Rule 21 as applicable.

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4. Pre-Application Report: The CMET Applicant must complete a Community Microgrid Pre-Application Report (CM Pre-Application Report) and consultation with PG&E prior to submitting a CMET Application.

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5. Applicant Experience: The CMET Applicant must provide to PG&E an attestation that at least one current member of its development team has: (a) completed the development of at least one microgrid project of similar technology and capacity; or (b) begun construction of at least one other project of similar technology and capacity. The CMET Applicant must identify the entity(ies), if not the Applicant, that will be responsible for development of the CMET Project and the entity that will be the CMET Aggregator responsible for coordinated operation with PG&E pursuant to Rule 24 and an executed CMET Microgrid Operating Agreement ("CMET MOA" or "MOA").

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**ELECTRIC SCHEDULE E-CMET**  
COMMUNITY MICROGRID ENABLEMENT TARIFF

Sheet 3

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4. CMET PERIOD CMET Availability Period: The CMET shall begin on the Effective Date and shall continue thereafter until the close on December 31, 2022. At the close of the CMET, this Schedule will close to new Applications and no new CMET MOAs will be offered by PG&E. Applications submitted prior to the close will continue to be processed under this Schedule. Any MOA executed under this Schedule will continue in effect pursuant to the terms of the agreement.

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5. INTERCONNECTION STUDIES

1. Each Project Resource is required to be interconnected to PG&E's Distribution System under PG&E's WDT or Electric Rule 21, according to the applicability of each of those tariffs.
2. Interconnection Study: A CMET Project will require a separate application for Interconnection Study of a CMET Project's proposed Project Resources pursuant to PG&E's WDT or Electric Rule 21, as applicable for each of the Generating Facilities participating as a Project Resource.
3. Interconnection Agreement: The Interconnection Study will identify any required Interconnection Facilities, Distribution Upgrades, or Network Upgrades consistent with PG&E's WDT and Electric Rule 21, as applicable. The CMET Project is required to execute an Interconnection Agreement for each Project Resource.
4. A CMET Applicant will have up to 30 calendar days to review the Interconnection Study. The CMET Applicant, after review, will notify PG&E in writing within 5 calendar days its agreement to proceed with a Microgrid Islanding Study and pay any additional fees for this study, or its withdrawal of the Application. If the CMET Applicant fails to notify PG&E in writing within 5 calendar days after review of the Interconnection Study, the Application for the purpose of CMET Project development will be deemed withdrawn.
5. Applicant may continue with the interconnection of resources under PG&E's WDT or Rule 21 independent of a withdrawn CMET Application.

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**ELECTRIC SCHEDULE E-CMET**  
COMMUNITY MICROGRID ENABLEMENT TARIFF

Sheet 5

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7. COMMUNITY MICROGRID DEVELOPMENT AND OPERATION

CMET Project development and operation will be governed by the MOA. A CMET Project's use of PG&E's Distribution System to form a Community Microgrid requires operational coordination for public safety and overall Distribution System operation.

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1. Roles and Responsibilities.

- a. Distribution Provider. PG&E as utility distribution owner and operator is responsible for Distribution Service under both Blue Sky and Island Modes including the sole determination of Emergency Events.
- b. Distribution Service. PG&E will provide Distribution Service for the customers and resources within the CMET Project during Blue Sky and Island Modes pursuant to all applicable rules on file with the CPUC.
- c. Community Microgrid Aggregator (CMG Aggregator). A third-party aggregator that coordinates control of distributed resources, including Project Resources and any demand side management resources, consistent with relevant provisions of Electric Rule 2, PG&E's WDT, and Electric Rule 21 including frequency and voltage and other power quality requirements within PG&E established control parameters to enable the CMET Project to operate in Island Mode.

- 2. Microgrid Operating Agreement. An MOA between the CMG Aggregator and PG&E will govern CMET Project development testing and commercial operations. The MOA will include operational coordination requirements applicable to the unique characteristics of the CMET Project and general requirements consistent with relevant provisions of Electric Rule 2, Electric Rule 21, PG&E's WDT and associated interconnection agreements, Project SFA and operating protocols of the Distribution Provider to ensure operational coordination for public safety and overall system operation. The MOA is dependent upon execution of any required Interconnection Agreements and Special Facilities Agreements.

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**ELECTRIC SCHEDULE E-CMET**  
**COMMUNITY MICROGRID ENABLEMENT TARIFF**

Sheet 7

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9. PG&E  
TARIFFS,  
PROGRAMS  
AND SERVICE  
AGREEMENTS

1. PG&E Tariffs During Island and Blue Sky Modes. Billing for PG&E Bundled Customers will continue to occur under their applicable PG&E tariff provisions and rules.
2. Participation in PG&E Programs. Project Resources are eligible to provide distribution services and/or participate in demand side management programs during Blue Sky Mode consistent with applicable PG&E tariffs, programs or procurements. However, participation in PG&E programs shall not impede the ability to enable Island Mode, as determined by the Distribution provider, Island Mode, at any time during which this tariff applies to the CMET Project or the CMET MOA for the CMET Project is in effect.
3. Services Agreements. An existing power purchase agreement or other contract for energy, capacity or distribution services to PG&E, or any other counterparty, is prohibited for a CMET Project, if such PPA or other contract impedes the ability to enable Island Mode, as determined by Distribution Provider, at any time during which this tariff applies to the CMET Project or the CMET MOA for the CMET Project is in effect.

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10. CAISO  
MARKET  
PARTICIPAT-  
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1. Participation in CAISO Market: Project Resources are eligible to participate in the CAISO markets consistent with applicable tariffs and the governing Interconnection Agreement for each Generating Facility during Blue Sky Mode. During Island Mode, the settlement of energy transactions associated the Project Resources will continue to occur according to applicable CAISO tariff provisions and rules, as further described in the CMET MOA.

11. METERING

CMET Project metering requirements are defined in the applicable PG&E Electric Rules including, but not limited to, 2, 15, 16, 17, 18, 21, and PG&E's WDT.

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ELECTRIC SCHEDULE E-CMET COMMUNITY MICROGRID ENABLEMENT TARIFF

Sheet 8

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12. TERMINATION

1. Applicant Termination:

- a. Applicant may terminate the application process, including Microgrid Islanding Study, for any reason with 30 days written notice. Applicant will be responsible for any PG&E costs incurred through termination date.
- b. CMET Project development or operation may be terminated pursuant to the terms of the MOA.

2. PG&E Termination: PG&E may terminate a CMET Project pursuant to the terms of the MOA.

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13. CMET SPECIAL CONDITIONS

The following Special Conditions apply to PG&E's CMET:

- 1. CMET Suspension: Because this is an experimental tariff, PG&E may file a Tier 2 Advice Letter (AL) with the CPUC to suspend service under this Schedule. The AL will be served on the applicable CPUC service list and will be served on CMET Aggregators, CMET Applicants and any CMET Customers. The AL shall identify the portion of the CMET suspended, the reasons for the suspension, and PG&E's proposal for resolving the issue.

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**ELECTRIC SCHEDULE E-CMET**  
COMMUNITY MICROGRID ENABLEMENT TARIFF

Sheet 9

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14. CMET  
DEFINITIONS

Capitalized terms in this Schedule have the meaning as defined in this Section.

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1. Affected System. An electric system other than the Distribution Provider's Distribution System that may be affected by a Material Modification.
2. Blue Sky Mode. The normal mode of operation when the Community Microgrid is Interconnected to and operating in parallel with the Distribution System, is not operating in Island Mode, and PG&E maintains operational coordination of the delivery of electric service.
3. CMET Applicant. The person or entity who submits an Application for a CMET Project to PG&E to apply to participate on this Schedule.
4. CMET Customer. A customer receiving PG&E distribution service within the CMET Project Microgrid Boundary.
5. CMET Project. Facilities and equipment needed to create and operate a Community Microgrid, including the generation, breakers, protective and associated equipment, improvements, and other tangible assets, contract rights, easements, rights of way, licenses and other interests or rights in real estate reasonably necessary for the construction, operation, and maintenance of the Community Microgrid subject to this CMET.
6. Community Microgrid. For the purposes of this Schedule, a Community Microgrid is defined as a microgrid with distribution system connected Project Resources that supply energy to at least one Critical Facility and at least one other customer within a Microgrid Boundary capable of Island Mode.
7. Community Microgrid Aggregator (CMG Aggregator). The entity that is providing microgrid forming service to PG&E under an executed CMET MOA pursuant to Rule 24.

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**ELECTRIC SCHEDULE E-CMET  
COMMUNITY MICROGRID ENABLEMENT TARIFF**

Sheet 11

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14. CMET  
DEFINITIONS  
(Cont'd.)

- 14. Emergency Events. As determined by PG&E in its reasonable discretion, a condition or situation requiring prompt action by PG&E (a) to maintain the reliable operation of the Distribution System; (b) to prevent or limit the loss of load or generation; (c) to maintain public safety or the safety of PG&E's personnel; (d) to protect PG&E, Customer, or third-party property; or as a Scheduled Island Mode Operation as a preventative action ahead of impending weather events or natural disasters or in response to other unusual conditions.
- 15. Generating Facility. All generators, electrical wires, equipment, and other facilities, excluding Interconnection Facilities, owned or provided by Producer for the purpose of producing electric power, including storage.
- 16. High Fire Threat District. An area where there is an elevated risk for power line fires igniting and spreading rapidly as identified in the CPUC Fire-Threat Map, as may be amended.
- 17. Interconnection Study. A study to establish the requirements for Interconnection of a Generating Facility with Distribution Provider's Distribution System or Transmission System, pursuant to WDT or Rule 21, as applicable.
- 18. Island Mode. A mode of operation when a Microgrid that normally operates in Grid-Connected Mode is disconnected from the Distribution System at MIP, and the Microgrid is generating or producing energy to provide electric service within the Microgrid under the operational coordination of the CMET Aggregator.
- 19. Material Modification is a change in Project Resources, non-Project Resources, or customer loads within the Microgrid Boundary, or other Affected Systems outside the Microgrid Boundary that has a material impact on the ability of a CMET Project to function in Island Mode.

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**ELECTRIC SCHEDULE E-CMET**  
COMMUNITY MICROGRID ENABLEMENT TARIFF

Sheet 14

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14. CMET  
DEFINITIONS  
(Cont'd.)

- 31. Service Facilities. PG&E's Service Facilities shall consist of (a) primary or secondary underground or overhead service conductors, (b) poles to support overhead service conductors, (c) service transformers, (d) PG&E-owned metering equipment, and (e) other PG&E-owned service-related equipment that extend from PG&E's Distribution Facilities to the Customer's Service Delivery Point as defined in PG&E's Electric Rule 16.
- 32. Special Facilities Agreement. Special facilities will be installed under the terms and conditions of a contract in the form on file with the Commission, pursuant to Electric Rule 2.
- 33. Unscheduled Island Mode Operation. A Microgrid operating in Island Mode that is not scheduled or coordinated between the CMG Aggregator and PG&E in response to an unplanned event on the Distribution System.

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